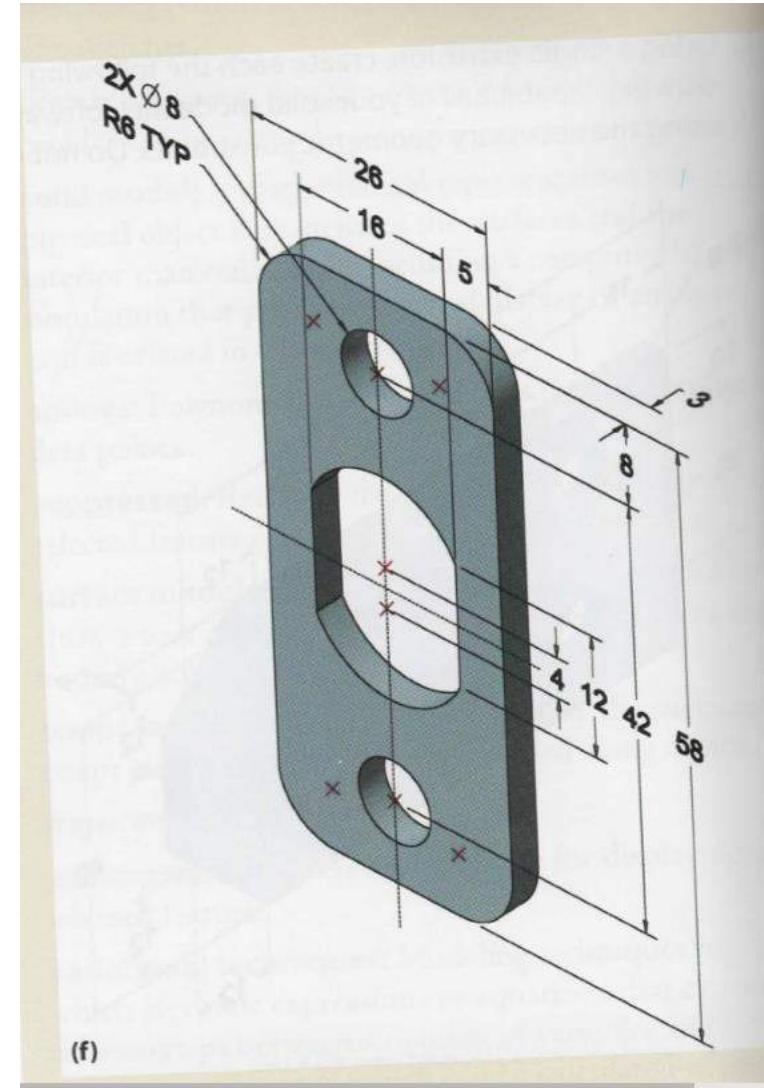
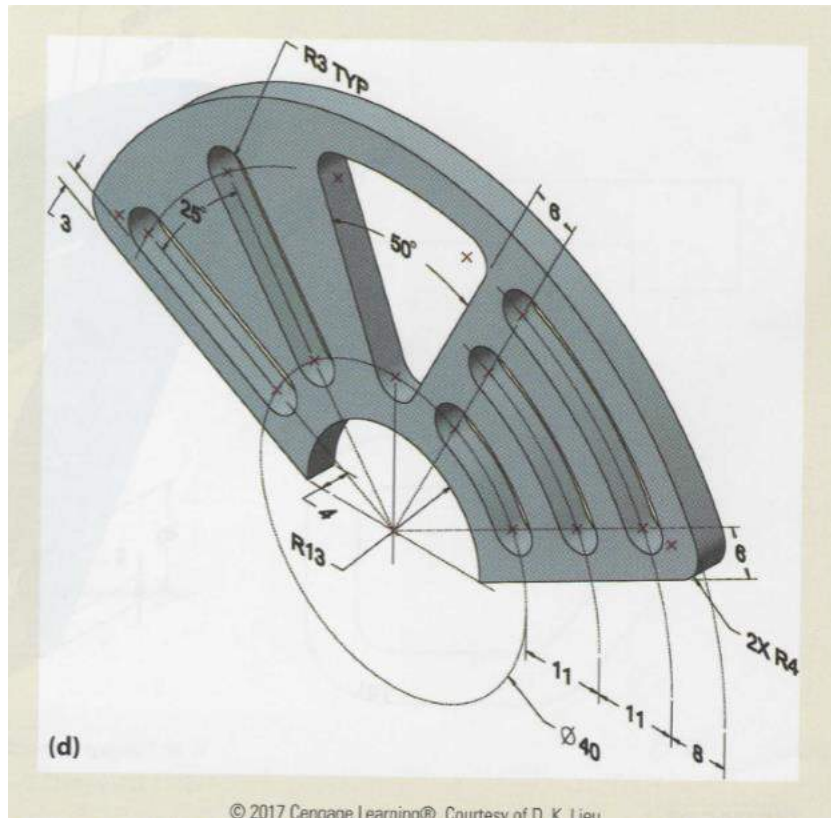


Solid Modeling Homework

2nd Edition Chapter 5, 1st Edition Chapter 6 – Questions 1, 2, 3, 5, 14

2nd Edition Chapter 5 – Problems 1d and f; 4 h and ii as shown on
following sheets:

Chapter 5, Problem 1 from 2nd Edition – Using a single extrusion, create each of the following objects with a single closed-loop profile using the 2-D drawing capabilities of your solid modeling software. Define the geometry and sizes precisely as shown, using the necessary geometric constraints. Do not over or under constrain the profiles.



Chapter 5, Problem 4 from 2nd Edition – Create solid models of the following parts in your CAD system. Identify what you consider to be the base geometry for each part. Are any (child) features dependent upon the existence of other (parent) features? If so, specify hierarchy.

